

Serial Numb r: 09/227,687A**ENTERED**

#10

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically: _____

Corrected an obvious error in the response, specifically: _____

Edited identifiers where upper case is used but lower case is required, or vice versa

Corrected an error in the Number of Sequences field, specifically: _____

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

Other: globally inserted hard return in each amino acid sequence

TO 1300 MAIL ROOM
11/15 - 7 2000
RECEIVED

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING DATE: 07/24/2000
PATENT APPLICATION: US/09/227,687A TIME: 17:31:17

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07242000\I227687A.raw

3 <110> APPLICANT: Tally, Francis P.
4 Tao, Jianshi
5 Wendler, Philip A.
6 Connelly, Gene
7 Gallant, Paul L.
9 <120> TITLE OF INVENTION: METHOD FOR IDENTIFYING VALIDATED TARGET
10 AND ASSAY COMBINATIONS FOR DRUG DEVELOPMENT
13 <130> FILE REFERENCE: CPI98-03p9MA
15 <140> CURRENT APPLICATION NUMBER: US 09/227,687A
16 <141> CURRENT FILING DATE: 1999-01-08
18 <150> PRIOR APPLICATION NUMBER: US 60/070,965
19 <151> PRIOR FILING DATE: 1998-01-09
21 <150> PRIOR APPLICATION NUMBER: US 60/076,638
22 <151> PRIOR FILING DATE: 1998-03-03
24 <150> PRIOR APPLICATION NUMBER: US 60/081,753
25 <151> PRIOR FILING DATE: 1998-04-14
27 <150> PRIOR APPLICATION NUMBER: US 60/085,844
28 <151> PRIOR FILING DATE: 1998-05-18
30 <150> PRIOR APPLICATION NUMBER: US 60/089,828
31 <151> PRIOR FILING DATE: 1998-06-19
33 <150> PRIOR APPLICATION NUMBER: US 60/094,698
34 <151> PRIOR FILING DATE: 1998-07-30
36 <150> PRIOR APPLICATION NUMBER: US 60/100,211
37 <151> PRIOR FILING DATE: 1998-09-14
39 <150> PRIOR APPLICATION NUMBER: US 60/101,718
40 <151> PRIOR FILING DATE: 1998-09-24
42 <150> PRIOR APPLICATION NUMBER: US 60/107,751
43 <151> PRIOR FILING DATE: 1998-11-10
45 <160> NUMBER OF SEQ ID NOS: 17
47 <170> SOFTWARE: FastSEQ for Windows Version 4.0
49 <210> SEQ ID NO: 1
50 <211> LENGTH: 15
51 <212> TYPE: PRT
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Synthetic
57 <400> SEQUENCE: 1
58 Ser Arg Asp Trp Gly Phe Trp Asp Trp Gly Val Asp Arg Ser Arg
60 1 5 10 15
W--> 61 <210> SEQ ID NO: 2
62 <211> LENGTH: 16
63 <212> TYPE: PRT
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Synthetic
69 <400> SEQUENCE: 2
70 Ser Arg Asp Trp Gly Phe Trp Arg Leu Pro Glu Ser Met Ala Ser Arg

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Input Set : A:\Pto.amc
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72 1 5 10 15
W--> 73 <210> SEQ ID NO: 3
74 <211> LENGTH: 15
75 <212> TYPE: PRT
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Synthetic
81 <400> SEQUENCE: 3
82 Ser Arg Glu Trp His Phe Trp Arg Asp Tyr Asn Pro Thr Ser Arg
84 1 5 10 15
W--> 85 <210> SEQ ID NO: 4
86 <211> LENGTH: 15
87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Synthetic
93 <400> SEQUENCE: 4
94 Ser Ser Glu Arg Gly Ser Gly Asp Arg Gly Glu Lys Gly Ser Arg
96 1 5 10 15
W--> 97 <210> SEQ ID NO: 5
98 <211> LENGTH: 43
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: PCR Primer
105 <400> SEQUENCE: 5
106 ccaacaacat atgccccgt aatggcactt ctggcggtac tac 43
108 <210> SEQ ID NO: 6
109 <211> LENGTH: 57
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: PCR Primer
116 <400> SEQUENCE: 6
117 ttctggcggtg actacaacc gaccccccgt ggggggtggag gcatgtcccc tatacta 57
119 <210> SEQ ID NO: 7
120 <211> LENGTH: 32
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: PCR Primer
127 <400> SEQUENCE: 7
128 agttgaattc ttaatccgat tttggaggat gg 32
130 <210> SEQ ID NO: 8
131 <211> LENGTH: 28
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: PCR Primer

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Input Set : A:\Pto.amc
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138 <400> SEQUENCE: 8
139 caaggatccc atgtcccgta aatggcac 28
141 <210> SEQ ID NO: 9
142 <211> LENGTH: 31
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: PCR Primer
149 <400> SEQUENCE: 9
150 cgcggatcct taatccgatt ttggaggatg g 31
152 <210> SEQ ID NO: 10
153 <211> LENGTH: 31
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: PCR Primer
160 <400> SEQUENCE: 10
161 aatccgctcg aggattttt ctattggtgc c 31
163 <210> SEQ ID NO: 11
164 <211> LENGTH: 33
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: PCR Primer
171 <400> SEQUENCE: 11
172 aatcgtaagc ttttattttt agttatcata ttt 33
174 <210> SEQ ID NO: 12
175 <211> LENGTH: 12
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Synthetic
182 <400> SEQUENCE: 12
183 Asp Pro Asn Thr Trp Gln Leu Arg Trp Pro Met His
185   1           5           10
W--> 186 <210> SEQ ID NO: 13
187 <211> LENGTH: 12
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Synthetic
194 <400> SEQUENCE: 13
195 Met Trp Asp Leu Pro Tyr Ile Trp Ser Arg Pro Val
197   1           5           10
W--> 198 <210> SEQ ID NO: 14
199 <211> LENGTH: 12
200 <212> TYPE: PRT
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
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Input Set : A:\Pto.amc
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204 <223> OTHER INFORMATION: Synthetic
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207 Ala Asp Thr Leu Asn Trp Tyr Tyr Tyr Ala Ser Trp
209 1 5 10
W--> 210 <210> SEQ ID NO: 15
211 <211> LENGTH: 12
212 <212> TYPE: PRT
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Synthetic
218 <400> SEQUENCE: 15
219 Ala Asn Asn Leu Ser Thr Met Lys Lys Leu Lys Gln
221 1 5 10
W--> 222 <210> SEQ ID NO: 16
223 <211> LENGTH: 22
224 <212> TYPE: PRT
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Synthetic
230 <400> SEQUENCE: 16
231 Ser Arg Glu Trp His Phe Trp Arg Asp Tyr Asn Pro Thr Ser Arg Gly
233 1 5 10 15
234 Gly Lys Phe Ile Thr Cys
236 20
W--> 237 <210> SEQ ID NO: 17
238 <211> LENGTH: 19
239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Synthetic
245 <400> SEQUENCE: 17
246 Asp Pro Asn Thr Trp Gln Leu Arg Trp Pro Met His Gly Gly Lys Phe
248 1 5 10 15
249 Ile Thr Cys

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/227,687A DATE: 07/24/2000
TIME: 17:31:18

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07242000\I227687A.raw

L:61 M:283 W: Missing Blank Line separator, <210> field identifier
L:73 M:283 W: Missing Blank Line separator, <210> field identifier
L:85 M:283 W: Missing Blank Line separator, <210> field identifier
L:97 M:283 W: Missing Blank Line separator, <210> field identifier
L:186 M:283 W: Missing Blank Line separator, <210> field identifier
L:198 M:283 W: Missing Blank Line separator, <210> field identifier
L:210 M:283 W: Missing Blank Line separator, <210> field identifier
L:222 M:283 W: Missing Blank Line separator, <210> field identifier
L:237 M:283 W: Missing Blank Line separator, <210> field identifier